

Figure 1. The new readout structure

FIG. 1

APPENDIX A

How to build a preamplifier

A typical preamplifier is shown in Figure 2.

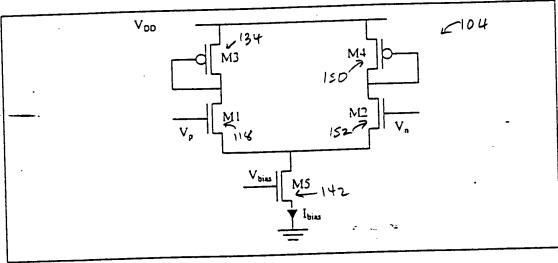
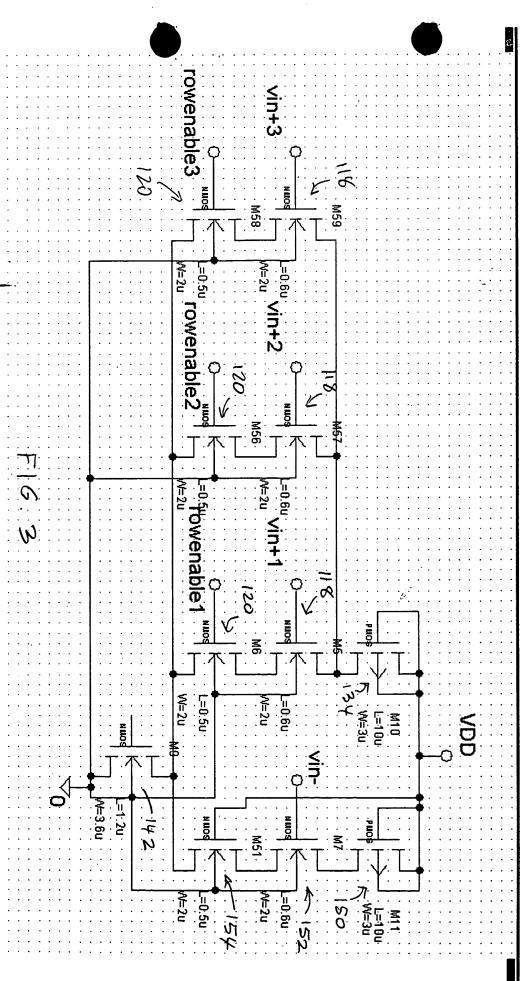


Figure 2. Schematics of a typical preamplifier

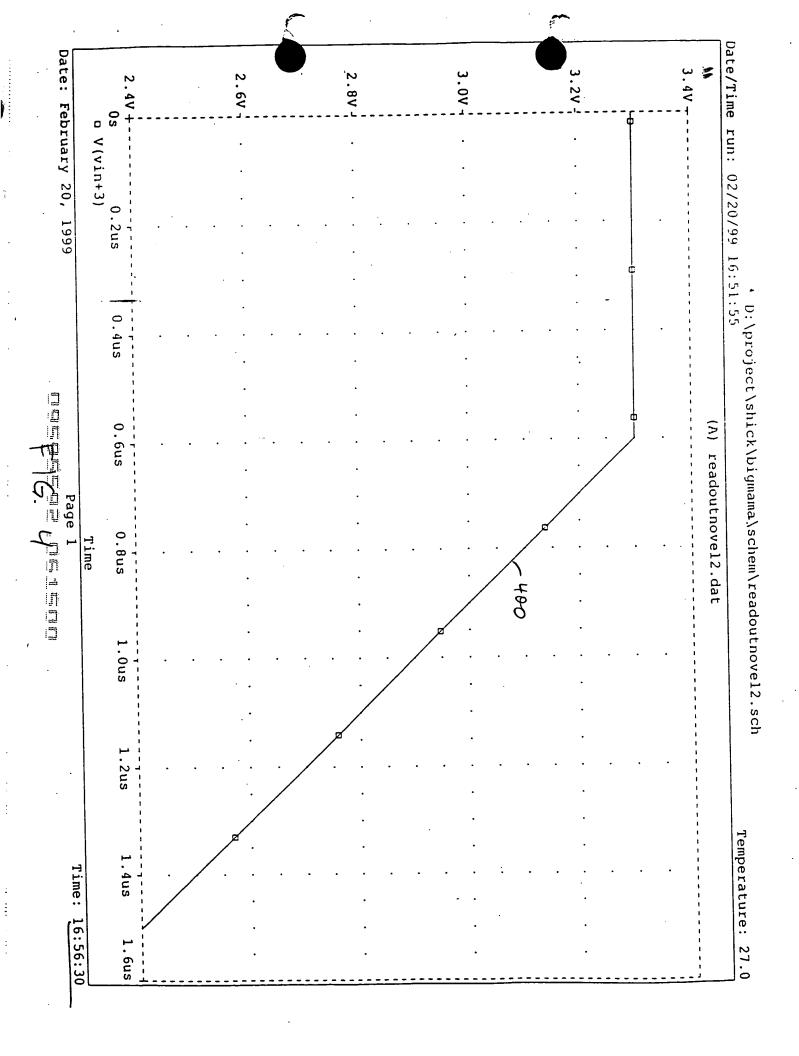


Photobit





Leading the Active Pixel Revolution



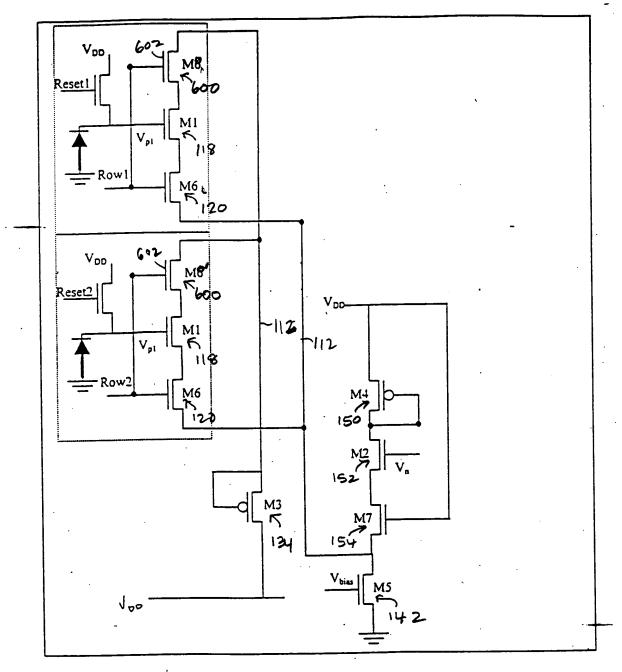


Figure 1. Amplifier readout with minimum effect from the column output.

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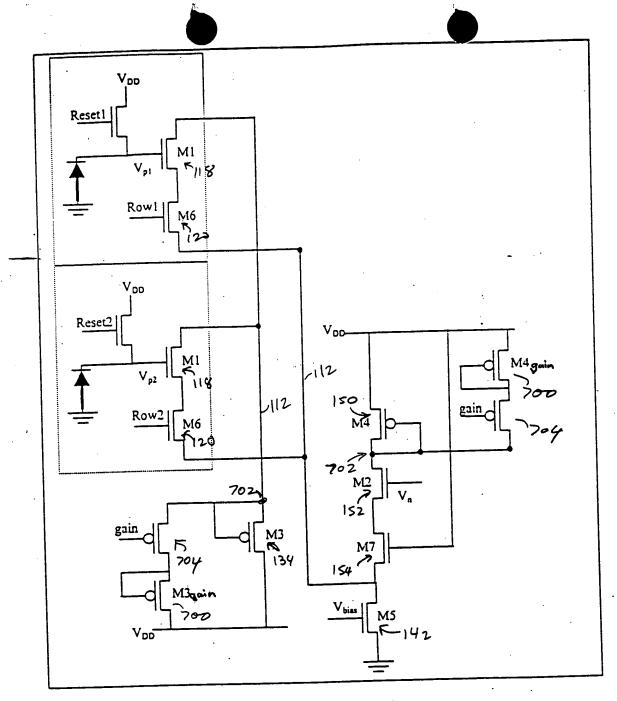


Figure 1. The new readout structure with different gain settings